OPEN FILE REPORT 79-124 ROCK SPRINGS QUADRANGLE UNITED STATES WYOMING-SWEETWATER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) PLATE 9 OF 24 GEOLOGICAL SURVEY SW/4 ROCK SPRINGS 15' QUADRANGLE R. 105 W. R. 104 W. (RELIANCE) 109° 15′ 41° 37′ 30″ 109° 07′ 30″ 41° 37′ 30″ 17 16 15 **EXPLANATION** 14 15 OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accoracy possibly not within 40 feet. Isopach interval is 200 feet (61 m) DRILL HOLE - Showing thickness of over-burden, in feet, from surface to top of coal bed. 23 22 24 19 21 20 22 MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). RS-5 - Rock Springs No. 5 COAL BED SYMBOL AND NAME \_\_\_\_ RS-5 \_\_\_\_\_\_ TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where 29 27 inferred by present authors. 28 30 27 25 TRACE OF FAULT - Bar and ball on down-thrown side when direction of movement is known.
Dashed where inferred or approximately located. To convert feet to meters, multiply feet by To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428. 35'-34 33 32 35 34 31 T. 19 N. T. 18 N. NOTE 1 Overburden isopachs are not drawn beyond those shown because of insufficient data. 559 13 18 17 20 22 23 24 21 19 25 27 30 29 34 35 33 34 41° 30′ 109° 07′ 30″ 41°30′ 109°15′ R. 105 W. R. 104 W. (KAPPES CANYON)
4/66 / NW
SCALE 1:24000 12'30" Base from U.S. Geological Survey, 1968 Compiled in 1977/1978 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards of WYOMING stratigraphic nomenclature. UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE ROCK SPRINGS QUADRANGLE,
SWEETWATER COUNTY, WYOMING
BY
DAMES & MOORE

1979

PLATE 9

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROCK SPRINGS NO. 5 COAL BED